Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	modbus with slave with type with (message or format)	US-PGPUB; USPAT	OR	ON	2004/11/26 13:47
L2	0	modbus with slave with type with (message or frame)	US-PGPUB; USPAT	OR	ON	2004/11/26 13:47
L3	15	modbus with slave with (message or frame)	US-PGPUB; USPAT	OR	ON	2004/11/26 13:47
L4	7	3 and RTU and ASCII	US-PGPUB; USPAT	OR	ON	2004/11/26 14:34
L5	1	"5650936".pn.	US-PGPUB; USPAT	OR	ON	2004/11/26 14:06
L6	1	"5650936".pn. and software	US-PGPUB; USPAT	OR	ON	2004/11/26 14:07
L7	57	"5650936"	US-PGPUB; USPAT	OR	ON	2004/11/26 14:07
L8	9	"5650936" and (communication with software)	US-PGPUB; USPAT	OR	ON	2004/11/26 14:07
L9	6	8 and (ASCII and RTU)	US-PGPUB; USPAT	OR	ON	2004/11/26 14:10
L10	38	modbus and (ASCII and RTU)	US-PGPUB; USPAT	OR	ON	2004/11/26 14:26
L11	24	10 and bit	US-PGPUB; USPAT	OR	ON	2004/11/26 14:33
L12	7	11 and (communication with software)	US-PGPUB; USPAT	OR	ON	2004/11/26 14:29
L13	117	first with character with message with type	US-PGPUB; USPAT	OR	ON	2004/11/26 14:34
L14	0	13 and RTU and ASCII	US-PGPUB; USPAT	OR	ON	2004/11/26 14:34
L15	1602	first with character with message	US-PGPUB; USPAT	OR	ON	2004/11/26 14:34
L16	0	15 and RTU and ASCII	US-PGPUB; USPAT	OR	ON	2004/11/26 14:34
L17	3228	first with character with (message or packet or frame)	US-PGPUB; USPAT	OR	ON	2004/11/26 14:34
L18	0	17 and (RTU and ASCII)	US-PGPUB; USPAT	OR	ON	2004/11/26 14:35
L19	2	(communications adj software) with (slave adj device)	US-PGPUB; USPAT	OR	ON	2004/11/26 14:36
L20	561	protocol adj analyz$6	US-PGPUB; USPAT	OR	ON	2004/11/26 14:36
L21	2	20 and (RTU and ASCII)	US-PGPUB; USPAT	OR	ON	2004/11/26 14:36
L22	1	(RTU with ASCII) with (message or packet or frame)	US-PGPUB; USPAT	OR	ON	2004/11/26 14:37

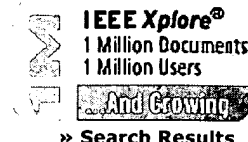| L23	329	modbus	US-PGPUB; USPAT	OR	ON	2004/11/26 14:38
L24	30	23 and (determ$7 with (packet or frame or message) with (type or format or protocol))	US-PGPUB; USPAT	OR	ON	2004/11/26 14:48
L25	329	modbus	US-PGPUB; USPAT	OR	ON	2004/11/26 14:48
L26	310	determ$8 with type with incoming with (message or frame or packet)	US-PGPUB; USPAT	OR	ON	2004/11/26 14:49
L27	2	25 and 26	US-PGPUB; USPAT	OR	ON	2004/11/26 14:50
L28	47	first with incoming with character with (message or frame or packet)	US-PGPUB; USPAT	OR	ON	2004/11/26 14:53
L29	0	28 and modbus	US-PGPUB; USPAT	OR	ON	2004/11/26 14:51
L30	329	modbus	US-PGPUB; USPAT	OR	ON	2004/11/26 14:53
L31	38	30 and (ASCII and RTU)	US-PGPUB; USPAT	OR	ON	2004/11/26 14:54
L32	24	31 and bit	US-PGPUB; USPAT	OR	ON	2004/11/26 14:57
L33	4	31 and (first with character)	US-PGPUB; USPAT	OR	ON	2004/11/26 15:00
L34	14	30 and (first with character)	US-PGPUB; USPAT	OR	ON	2004/11/26 15:02
L35	25	modbus and (RTU with ASCII)	US-PGPUB; USPAT	OR	ON	2004/11/26 15:02
L36	30373	(protocol with determin$7)	US-PGPUB; USPAT	OR	ON	2004/11/26 15:03
L37	4	35 and 36	US-PGPUB; USPAT	OR	ON	2004/11/26 15:04
L38	2	ASCII with (begin$6 or start$4) with message with colon	US-PGPUB; USPAT	OR	ON	2004/11/26 15:05
L39	0	RTU adj request adj message	US-PGPUB; USPAT	OR	ON	2004/11/26 15:05
L40	3	RTU adj message	US-PGPUB; USPAT	OR	ON	2004/11/26 15:06
L41	2	intelligent adj slave adj device	US-PGPUB; USPAT	OR	ON	2004/11/26 15:06
L42	18	first with character with message with master	US-PGPUB; USPAT	OR	ON	2004/11/26 15:08
L43	329	modbus	US-PGPUB; USPAT	OR	ON	2004/11/26 15:08
L44	39	43 and (slave adj device)	US-PGPUB; USPAT	OR	ON	2004/11/26 15:09

L45	0	43 and ((slave adj device) with (communication with protocol with determ$6))	US-PGPUB; USPAT	OR	ON	2004/11/26 15:09

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Nabielec, J.; Wojtasinski, P.;
Instrumentation and Measurement Technology Conference, 2004. IMTC 04. Proceedings of the 21st IEEE , Volume: 2 , 18-20 May 2004
Pages:1151 - 1154 Vol.2

[Abstract]   [PDF Full-Text (410 KB)]   **IEEE CNF**

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2 **Wireless system for electrical networks testing based on MODBUS protocol**
Ramirez Leyva, F.H.; Cuellar, J.P.A.; Basilio, R.G.M.; Justo, E.E.;
Electronics, Communications and Computers, 2004. CONIELECOMP 2004. 14th International Conference on , 16-18 Feb. 2004
Pages:58 - 62

[Abstract]   [PDF Full-Text (432 KB)]   **IEEE CNF**

---

3 **The AES advanced 60 kW PV-diesel hybrid inverter**
Wills, R.H.;
Photovoltaic Specialists Conference, 1997., Conference Record of the Twenty-Sixth IEEE , 29 Sept.-3 Oct. 1997
Pages:1157 - 1160

[Abstract]   [PDF Full-Text (288 KB)]   **IEEE CNF**

---

4 **PLC-IPC based control system for high power cycle pump system in large scale thermal power plant**
Qingguang Yu; Wenhua Liu;
Power System Technology, 2002. Proceedings. PowerCon 2002. International Conference on , Volume: 3 , 13-17 Oct. 2002
Pages:1522 - 1524 vol.3

[Abstract]   [PDF Full-Text (252 KB)]   **IEEE CNF**

---

5 **High speed stand-alone visual decision maker device based on focal plane analogic processor array chip**
Torok, L.; Zarandy, A.; Roska, T.;
Virtual and Intelligent Measurement Systems, 2001, IEEE International Workshop on. VIMS 2001 , 19-20 May 2001
Pages:81 - 84

[Abstract]   [PDF Full-Text (324 KB)]   **IEEE CNF**

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6 **Performance evaluation of four field buses**
Rubio Benito, M.D.; Fuertes, J.M.; Kahoraho, E.; Perez Arzoz, N.;
Emerging Technologies and Factory Automation, 1999. Proceedings. ETFA '99. 1999 7th
IEEE International Conference on , Volume: 2 , 18-21 Oct. 1999
Pages:881 - 890 vol.2

[Abstract]   [PDF Full-Text (768 KB)]   **IEEE CNF**

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7 **Transparent factories through industrial internets**
Swales, A.; Gray, C.;
Electrical and Computer Engineering, 1999 IEEE Canadian Conference on , Volume: 2 , 9-12
May 1999
Pages:931 - 936 vol.2

[Abstract]   [PDF Full-Text (360 KB)]   **IEEE CNF**

---

8 **INSITE/sup (R/) continuous monitoring system-information not data**
Harpham, S.W.; Woodward, R.C.;
Monitors and Condition Assessment Equipment (Digest No. 1996/186), IEE Colloquium
on , 5 Dec. 1996
Pages:5/1 - 5/8

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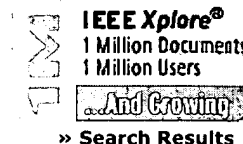*Rubio Benito, M.D.; Fuertes, J.M.; Kahoraho, E.; Perez Arzoz, N.;*
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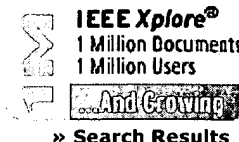
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